

Enoch Gutierrez-Herrera

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

202
citations

1162367

8
h-index

1125271

13
g-index

19
all docs

19
docs citations

19
times ranked

220
citing authors

#	ARTICLE	IF	CITATIONS
1	Soft material perforation via double-bubble laser-induced cavitation microjets. Physics of Fluids, 2020, 32, .	1.6	38
2	Review of applications of fluorescence excitation spectroscopy to dermatology. British Journal of Dermatology, 2016, 174, 499-504.	1.4	34
3	Interferometric tolerance determination for a Dove prism using exact ray trace. Optics Communications, 2008, 281, 897-905.	1.0	26
4	Thermal and elastic response of subcutaneous tissue with different fibrous septa architectures to RF heating: Numerical study. Lasers in Surgery and Medicine, 2015, 47, 183-195.	1.1	26
5	UV fluorescence excitation imaging of healing of wounds in skin: Evaluation of wound closure in organ culture model. Lasers in Surgery and Medicine, 2016, 48, 678-685.	1.1	25
6	Fluorescence excitation photography of epidermal cellular proliferation. British Journal of Dermatology, 2016, 174, 1086-1091.	1.4	20
7	Bubble dynamics of laser-induced cavitation in plasmonic gold nanorod solutions and the relative effect of surface tension and viscosity. Optics and Laser Technology, 2021, 134, 106621.	2.2	13
8	Quantification of critical alignment parameters for a rotationally-shearing interferometer employing exact ray trace. Journal of Modern Optics, 2010, 57, 444-459.	0.6	8
9	Development of a wide-field fluorescence imaging system for evaluation of wound re-epithelialization. , 2013, , .		2
10	Endogenous Fluorescence Dissimilarity Assessment of Four Potential Biomarkers of Early Liver Fibrosis by Preservation Media Effect. Journal of Fluorescence, 2020, 30, 249-257.	1.3	2
11	Design and implementation of a dual-wavelength intrinsic fluorescence camera system. , 2017, , .		2
12	Misalignment study for a Dove prism employing exact ray trace. , 2007, , .		1
13	Compensation analysis of a rotationally shearing interferometer using exact ray trace. , 2008, , .		1
14	A stitching method to test the segments of a large primary. Proceedings of SPIE, 2009, , .	0.8	1
15	Oxygen saturation in free-diving whales: optical sensor development. Proceedings of SPIE, 2013, , .	0.8	1
16	Fibrosis evaluation of animal liver tissue by thermal conduction. IFMBE Proceedings, 2017, , 674-677.	0.2	1
17	Preservation media analysis for ex vivo measurements of endogenous UV fluorescence of liver fibrosis in bulk samples. Proceedings of SPIE, 2017, , .	0.8	1
18	Photothermal deflection of laser beam as means to characterize thermal properties of biological tissue: numerical study. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Stitching technique applied to UV intrinsic fluorescence imaging in an in vivo wound-healing model. , 2021, , .		0